HEARING RESEARCH

Vol. 150, Nos. 1–2
December 2000

CONTENTS

Cited in: Biological Abstracts (BIOSIS); Chemical Abstracts; Current Contents/Life Sciences; Current Awareness in Biological Sciences (CABS); Excerpta Medica (EMBASE); Index Medicus; INSPEC; PASCAL M; Reference Update

Research Papers

R. Marianowski, W.-H. Liao, T. Van Den Abbeele, P. Fillit, P. Herman, B. Frachet and P.T.B. Huy (France, Taiwan)
Expression of NMDA, AMPA and $GABA_A$ receptor subunit mRNAs in the rat auditory brainstem. I. Influence of early auditory deprivation 1

W.-H. Liao, T. Van Den Abbeele, P. Herman, B. Frachet, P.T.B. Huy, E. Lecain and R. Marianowski (France, Taiwan)
Expression of NMDA, AMPA and $GABA_A$ receptor subunit mRNAs in the rat auditory brainstem. II. Influence of intracochlear electrical stimulation 12

D.D. Gehr, H. Komiya and J.J. Eggermont (Canada)
Neuronal responses in cat primary auditory cortex to natural and altered species-specific calls 27

S.E. Voss, J.J. Rosowski, S.N. Merchant and W.T. Peake (USA)
Acoustic responses of the human middle ear 43

C. Sage, S. Ventéo, A. Jeromin, J. Roder and C.J. Dechesne (Canada, France)
Distribution of frequenin in the mouse inner ear during development, comparison with other calcium-binding proteins and synaptophysin 70

S.G. Dolgobrodov, A.N. Lukashkin and I.J. Russell (Russia, UK)
Electrostatic interaction between stereocilia: I. Its role in supporting the structure of the hair bundle 83

S.G. Dolgobrodov, A.N. Lukashkin and I.J. Russell (Russia, UK)
Electrostatic interaction between stereocilia: II. Influence on the mechanical properties of the hair bundle 94

G.H. Recanzone (USA)
Response profiles of auditory cortical neurons to tones and noise in behaving macaque monkeys 104

F.A. Thiers, B.J. Burgess and J.B. Nadol Jr. (USA)
Prevalence and ultrastructural morphology of axosomatic synapses on spiral ganglion cells in humans of different ages 119

P. Hofstetter, D. Ding and R. Salvi (USA)
Induction of spontaneous otoacoustic emissions in chinchillas from carboplatin-induced inner hair cell loss 132

W. Sun, D. Ding, S. Reyes and R.J. Salvi (PR China, USA)
Effects of AC and DC stimulation on chinchilla SOAE amplitude and frequency 137

K. Barsz, W.W. Wilson and J.P. Walton (USA)
Background noise differentially effects temporal coding by tonic units in the mouse inferior colliculus 149

Contents continued on inside back cover

CONTENTS direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0378-5955(200012)150:1/2;1-F

(Contents continued from back cover)

Q.C. Chen and P.H.-S. Jen (USA)
Bicuculline application affects discharge patterns, rate–intensity functions, and frequency tuning characteristics of bat auditory cortical neurons 161

Å. Flock and B. Flock (Sweden)
Hydrops in the cochlea can be induced by sound as well as by static pressure 175

D.A. Godfrey, W.B. Farms, T.G. Godfrey, N.L. Mikesell and J. Liu (USA)
Amino acid concentrations in rat cochlear nucleus and superior olive 189

D.B. Rao and L.D. Fechter (USA)
Increased noise severity limits potentiation of noise induced hearing loss by carbon monoxide 206

M.E. Ravicz, S.N. Merchant and J.J. Rosowski (USA)
Effect of freezing and thawing on stapes-cochlear input impedance in human temporal bones 215

T.M. Talavage, P.J. Ledden, R.R. Benson, B.R. Rosen and J.R. Melcher (USA)
Frequency-dependent responses exhibited by multiple regions in human auditory cortex 225

R.P. Hamernik and W. Qiu (USA)
Correlations among evoked potential thresholds, distortion product otoacoustic emissions and hair cell loss following various noise exposures in the chinchilla 245

A.J. Oxenham and C.J. Plack (UK, USA)
Effects of masker frequency and duration in forward masking: further evidence for the influence of peripheral nonlinearity 258

Author Index Volume 150 267

Subject Index Volume 150 269

Instructions to Authors 273